

AC

AIR CONDITIONING UNIT

AD

ACCESS DOOR

AFF

ABOVE FINISHED FLOOR

AHU

AIR HANDLING UNIT

AL

ACOUSTICAL LINING

ALD

AUTOMATIC LOUVER DAMPER

BDD

BACKDRAFT DAMPER

BI

BLACK IRON

BRD

BAROMETRIC RELIEF DAMPER  
(PRESSURE REGULATING DAMPER)

CAV

CONSTANT AIR VOLUME

CC

COOLING COIL

CD

CEILING DIFFUSER

CHWR

CHILLED WATER RETURN

CHWS

CHILLED WATER SUPPLY

CR(G)

CEILING REGISTER OR GRILLE

CWR

CONDENSER WATER RETURN

CWS

CONDENSER WATER SUPPLY

DB

DRY BULB TEMPERATURE

EAT

ENTERING AIR TEMPERATURE

EJ

EXPANSION JOINT

EXH

EXHAUST

EWI

ENTERING WATER TEMPERATURE

FAI

FRESH AIR INTAKE

FC

FLEXIBLE CONNECTION

FCL

FAN COIL UNIT

FD

FIRE DAMPER

FFM

FEET PER MINUTE

H

HUMIDIFIER

HC

HEATING COIL

HRC

HEAT RECOVERY COIL

HRV

HEATING RECOVERY AND VENTILATING UNIT

HWR

HOT WATER RETURN

HWS

HOT WATER SUPPLY

HX

HEAT EXCHANGER

KW

KILOWATTS

LAT

LEAVING AIR TEMPERATURE

LWT

LEAVING WATER TEMPERATURE

MECHANICAL LEGEND

SYMBOL

DESCRIPTION

DISTRIBUTION MANIFOLD

HYDRONIC BASEBOARD  
(SEE HEAT SOURCE SCHEMATIC FOR LENGTH AND HEIGHT)

AIR SUPPLY  
FLOOR/CEILING REGISTER (CFM AS SHOWN ON PLAN)

AIR SUPPLY  
WALL REGISTER (CFM AS SHOWN ON PLAN)

AIR SUPPLY  
TOE SPACE REGISTER (CFM AS SHOWN ON PLAN)

AIR RETURN  
WALL GRILLE (CFM AS SHOWN ON PLAN)

TOEKICK FAN COIL UNIT  
FOR # INDICATED, SEE HEATING EQUIPMENT LEGEND

AIR EXHAUST FAN

AIR EXHAUST FAN  
RECESSED FAN

DOOR GRILLE OR TRANSFER GRILLE

THERMOSTAT

NEW DUCT ROUND (SUPPLY)

NEW DUCT ROUND (RETURN)

NEW DUCT SQUARE (SUPPLY)

NEW DUCT SQUARE (RETURN)

MITERED ELBOW WITH TURNING VANES

DUCT TRANSITION  
(ROUND OR SQUARE)

DUCT TRANSITION  
(RECTANGULAR TO ROUND)

MANUAL AIR VOLUME DAMPER

BYPASS TIMER

TIMECLOCK

SMOKE DETECTOR